

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1.-7. (cancelled)

Claim 8. (Currently Amended) A method for operating a boosted internal combustion engine having a fuel injection device, a cylinder, a cylinder head, a piston and a combustion chamber defined between the cylinder head and the piston, the method comprising, during each working cycle of the engine, the steps of:

delivering a main combustion air quantity and a main fuel quantity, from which a main mixture is formed, to the combustion chamber;

~~igniting the main mixture formed in an area of a~~ causing the main mixture to self ignite by prevailing pressure in an area of an ignition top dead center; and

introducing an additional combustion air quantity and an additional fuel quantity into the combustion chamber during an exhaust stroke of said working cycle, after the combustion of the main mixture, whereby in such a way ~~that~~ a fuel-exhaust gas/air mixture is formed; and ~~, which~~

causing said fuel-exhaust gas/air mixture ~~is reacted~~ to react in an area of a gas exchange top dead center of the piston.

Claim 9. (Cancelled)

Claim 10. (Currently Amended) The method as claimed in claim 9, ~~delivering~~ 8, wherein the additional fresh air quantity is delivered to the combustion chamber in an area between a final part of the expansion stroke and a final part of the exhaust stroke.

Claim 11. (Currently Amended) The method as claimed in claim [[10,]] 8, further comprising opening at least one exhaust valve and at least one inlet valve during the introduction of at least one of the additional fresh air quantity and the additional fuel quantity.

Claim 12. (Currently Amended) The method as claimed in claim 11, ~~wherein further comprising, during the introduction of at least one of the additional fresh air quantity and the additional fuel quantity, opening the exhaust valve first and then the inlet valve.~~

Claim 13. (Currently Amended) The method as claimed in claim 12, ~~comprising injecting~~ wherein said fuel is injected into an intake pipe of the internal combustion engine or directly into the combustion chamber by the fuel injection device.

Claim 14. (Currently Amended) The method as claimed in claim 13, ~~comprising operating~~ wherein the internal combustion engine is operated with a compression ratio of between 8 and 16.

Claim 15. (Previously Presented) The method as claimed claim 14, wherein the compression ratio is between 8 and 13.

Claims 16.-18. (Cancelled)

Claim 19. (Currently Amended) The method as claimed in claim 8, ~~comprising injecting~~ wherein said fuel is injected into an intake pipe of the internal combustion engine or directly into the combustion chamber by the fuel injection device.

Claim 20. (Currently Amended) The method as claimed in claim 8, ~~comprising operating~~ wherein the internal combustion engine is operated with a compression ratio of between 8 and 16.

Claim 21. (Previously Presented) The method as claimed claim 20, wherein the compression ratio is between 8 and 13.